



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant : Madison *et al.* Art Unit : 1652  
Serial No. : 09/776,191 Examiner : Yong D. Pak  
Filed : February 2, 2001 Conf. No. : 3237  
Title : **NUCLEIC ACID MOLECULES ENCODING TRANSMEMBRANE  
SERINE PROTEASES, THE ENCODED PROTEINS AND METHODS  
BASED THEREON**

**Mail Stop Amendment**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT AND RESPONSE**

Dear Sir:

Responsive to the Office Action, mailed June 25, 2007, entry of the following amendments and consideration of the following remarks are respectfully requested.

**Amendments to the claims** are reflected in the listing of the claims, which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 7 of this paper.

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I hereby certify that this paper is being deposited with the United States Postal "Express Mail Post Office to Addressee" Service under 37 CFR §1.10 on the date indicated above and is addressed to Mail Stop Amendment, Commissioner for Patents, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA, 22313-1450.

  
Stephanie Seidman